

Commonwealth of Kentucky  
Division for Air Quality

PERMIT APPLICATION SUMMARY FORM

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GENERAL INFORMATION:

Permittee Name: Tyson Foods, Inc.  
Address: 14660 US 41 South  
Robards, Kentucky 40452  
Date application received: August 25, 2004  
SIC/Source description: 2015/2048  
Source ID #: 21-101-00120  
Source AI #: 45238  
Permit #: F-06-070  
Activity #: APE20050001

APPLICATION TYPE/PERMIT ACTIVITY:

☒ Initial issuance ☐ General permit  
☐ Permit modification ☒ Conditional major  
\_\_Administrative ☐ Title V  
\_\_Minor ☐ Synthetic minor  
\_ Significant ☐ Operating  
☐ Permit renewal ☒ Construction/operating

COMPLIANCE SUMMARY:

☐ Source is out of compliance ☐ Compliance schedule included  
☒ Compliance certification signed

APPLICATION REQUIREMENT LIST:

☐ NSR ☒ NSPS ☒ SIP  
☐ PSD ☐ NESHAPS ☐ Other  
☐ Netted out of PSD/NSR ☒ Not major modification per 401 KAR 51:017, 1(23)(b) or 51:052,1(14)(b)

MISCELLANEOUS:

☐ Acid rain source  
☐ Source subject to 112(r)  
☐ Source applied for federally enforceable emissions cap  
☐ Source provided terms for alternative operating scenarios  
☐ Source subject to a MACT standard  
☐ Source requested case-by-case 112(g) or (j) determination  
☐ Application proposes new control technology  
☒ Certified by responsible official  
☐ Diagrams or drawings included  
☐ Confidential business information (CBI) submitted in application  
☐ Pollution Prevention Measures  
☐ Area is non-attainment (list pollutants):

Pollutant	Actual (tpy)	Potential (tpy)
PM/PM <sub>10</sub>	13.56/13.36	29.61/28.88
SO <sub>2</sub>	0.28	0.89
NO <sub>x</sub>	32.14	100.74
CO	30.04	124.38
VOC	7.75	26.16

**SOURCE DESCRIPTION:**

Tyson Foods Inc, applied to the Kentucky Division for Air Quality for a new source wide Conditional Major permit and installation of a new Rendering Crossflow Scrubber (EU 10B). The source submitted a renewal application for their operating permit (S-95-065) in 1999, but was advised to resubmit a source wide application to include all units not permitted previously. Tyson Foods, Inc. operates a poultry processing and feather protein processing facility in Robards, Kentucky. Tyson Foods, Inc. produces fresh chicken for human consumption and meat meal and feather meal as byproducts.

**EMISSION AND OPERATING CAPS DESCRIPTION**

The source has the potential to be a major source for Carbon Monoxide (CO) and Nitrogen Oxides (NOX) emissions. The facility has requested to be classified as a conditional major source wide with a federally enforceable limit not to exceed 90 tons per year on a consecutive twelve (12) month total. Additionally the source limit the natural gas usage rate to 2119 MMCF/yr for Carbon Monoxide (CO) and Nitrogen Oxides (NOX) emissions to be under 90 tons/yr. In order to be in compliance with the limit above the source shall monitor and record natural gas usage for all the units on the monthly basis and consecutive twelve months rolling total.

**OPERATIONAL FLEXIBILITY:**

None